L Number	Uite	Search Text	DD	# / · · · · · · · · · · · · · · · · · ·	
T Maimer		("502/439,527.19").CCLS.	DB USPAT	Time stamp	15.10
_	3384			2001/08/13 1	15:19
_	507	(("502/439,527.19,353,305,324,325,343,345,3	5 Fig 20/0 City	.2001/00/13 1 c2001/00/12 1	12:19
		and ceramic same (support or carrier or		32401/00/12 1	10:49
		substrate or binder)			
_	71	((("502/439,527.19,353,305,324,325,343,345,	 	T.8001/08/12 1	6.49
		and ceramic same (support or carrier or	,	20001,00,12 1	. 0 . 1 5
		substrate or binder)) and crack			
-	620	(("502/439,527.19,353,305,324,325,343,345,3	5553PAG").CCL	S2001/08/12 1	6:49
		and ceramic same (support or carrier or			
		substrate or binder)			
-	91	((("502/439,527.19,353,305,324,325,343,345,	B5552A479").CC	L8001/08/12 1	6:49
		and ceramic same (support or carrier or			
		substrate or binder)) and crack			
-	42	(((("502/439,527.19,353,305,324,325,343,345	B/55PA3749").C	CE801/08/12 1	6:53
		and ceramic same (support or carrier or	•		
		substrate or binder)) and crack) and			
-	35	¢¢t¢ie502¢439,527.19,353,305,324,325,343,34	5 USSPAT349").	C <b>2081/</b> 08/12 1	6:49
		and ceramic same (support or carrier or			
	_ [	substrate or binder)) and crack) and			_
-	1	cotdietit502dd3h582yc0mB53,305,324,325,343	BESPAT55,349	'200CZ88/12 1	8:04
	j	and ceramic same (support or carrier or			
]		substrate or binder)) and crack) and			İ
	104	cordierite) and honeycomb) and pore) and	Henam	2001/20/10 =	ا . ۔ ہ
		<pre>¢xy502/439,62def0ct.CCLS.) and cordierite (("502/439,527.19,353,305,324,325,343,345,3)</pre>	USPAT	2001/08/12 1	6:54
	333	and cordierite	CCL!	o∠woi/08/12 1	6:54
_	3	(((((("502/439,527.19,353,305,324,325,343,	3 ME DARE 3 4 Q 11	2001400/12 1	7.52
		and ceramic same (support or carrier or	Annicato, 249	· 20010000/12 1	1.55
ļ		substrate or binder)) and crack) and			
-	3	dotdietit602ddd9h52dyd0mB53add5p82d)325d343	. RIASTPATES . 349	ነንበበተሂልጸሃነጋ 1	8.02
	_	endsteramic same (support or carrier or	204,233,313	# * * * * * * * * * * * * * * * * * * *	0.02
		substrate or binder)) and crack) and			
į l		cordierite) and honeycomb) and pore) and			
-	3	¢tystall (4502/439e507.d9en68e305r324d305)34	3°U354P9AT355,34	200CC08/12 1	7:59
		and ceramic same (support or carrier or			1
1		substrate or binder)) and crack) and			
		cordierite) and honeycomb) and pore) and			1
-	3	¢tystall(and02s120,527d1ama5ar305,324;385)3	1 BU,S3PAAST, 355, 3	19001¢08\$12 1	7:58
		and theamat admeexpappert or carrier or	1		
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1 1		crystal) and (size or diameter or radius))			
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		substrate or binder)) and crack) and			1
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-	0	and (the that (8892 expansay. and 353; 305; 326; 325;	8063PA3T45, 355	2001/08@18.1	7:26
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İ			and ceramic same (support or carrier or		
l			substrate or binder)) and crack) and		
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			and ceramic same (support or carrier or		
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			and ceramic same (support or carrier or		
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ļ			cordierite) and honeycomb) and pore) and		
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	İ		substrate or carrier) and cataly\$4 and		
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	-	55	The second secon	USPAT	2001/08/12 18:02
	ļ		substrate or carrier) and cataly\$4 and	+	
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	i	. 20	((ceramic and (support or binder or	USPAT	2001/08/12 18:02
	ŀ	:	substrate or carrier) and cataly\$4 and		
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		substrate or carrier) and cataly\$4 and		
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		substrate or carrier) and cataly\$4 and			
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	30	(("502/439,527.19").CCLS.) and number adj3	USPAT	2001/08/12	18:36
		pores			!
_	50	(("502/439,527.19").CCLS.) and (number or	USPAT	2001/08/12	18:36
		amount) adj3 pores			
_	1090	("502/439,527.19").CCLS.	USPAT	2001/08/13	10:40
-	3384	("502/439, 527.19, 353, 305, 324, 325, 343, 345, 35	DEPAT).CCLS	.2001/08/13	10:40
] -	19	(("502/439,527.19,353,305,324,325,343,345,3	DISTPART").CCL	S2001/08/13	11:20
l _	,	and ((oxygen adj vacancy) or (lattice adj	F150 may 0.00		
_	1	defĕ602Y439,527.19,353,305,324,325,343,345,	ыы рат9"). СС	L8001/08/13	11:20
		and ((oxygen adj vacancy) or (lattice adj			
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	1	¢4 <b>ቲ</b> 4፻፶ <b>02</b> /439,527.19,353,305,324,325,343,345 and ((oxygen adj vacancy) or (lattice adj	B 2020 ( " ( B 2020 A 2 4 9 )	CKB01\08\13	11:21 '
		defect))) and crack and honeycomb and	1		
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		defect))) and crack and honeycomb and			
		cataly\$4) and pore) and crack\$3 and			
_	108	¢fyxtge45adj vacancy) or (lattice adj	USPAT	2001/08/13	11.21
		defect)) same cataly\$4	551751	2001/00/13	11.21
_	1 1	(((oxygen adj vacancy) or (lattice adj	USPAT	2001/08/13	11:21
		defect)) same cataly\$4) and crack and		_001,00,13	
	}	honeycomb and cataly\$4			į
_	274	((oxygen adj vacancy) or (lattice adj	USPAT	2001/08/13	11:21
	<u> </u>	defect)) and catalyst		· · · ·	_ i

-	4	1 ( ( ( ) ) gon aaj vacancy/ or (ratifice au)	USPAT	2001/08/13	11:21
		defect)) and catalyst) and crack and			
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i		defect)) and catalyst) and crack and	1 001111	2001/00/13	11.27
	· ·	honeycomb and cataly\$4) and pore			
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İ		and pore with (nm or nanometer or ang or	1).(ETHEROGE	105A01\08\13	11:29
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	20.	and pore with (nm or nanometer or ang or	555PA49").CC	TRO01/08/13	11:30
1		angstrom)) and "1" with (nm or nanometer			
_	198	drystrom// and 1 with thm or nanometer			
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		B555,P3AT9").CC	L <b>200</b> 1/08/13	11:31
		and pore with (nm or nanometer or ang or	1		
		angstrom)) and ("0.1" or "100") with (nm		}	
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ŀ		and pore with (nm or nanometer or and or			
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		or nanometer or ang or angstrom)) and			
-	10	¢4t41y5024Ad9c62am10,353,305,324,325,343,34	5 (15 50 5 TT 3 / 9 " )	COD01 V00 /13	11.25
		and pore with (nm or nanometer or ang or	 	CER01/00/13	11:33
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ĺ		and pore with (nm or nanometer or ang or	!		
		angstrom)) and ("0.1" or "100") with (nm			
		or nanometer or ang or angstrom)) and			
· '		catalyst and ceramic) and cordierite) and			
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		, '	DERWENT;	2001/00/13	11,41
		· ·	IBM TDB		
-	2	(("502/439,527.19,353,305,324,325,343,345,3	P PI S S D V C C I	02801/00/12	10.04
		and (compressive adj strength) with mpa	TOO. ( EMERGENE	2501/08/13	12:34
i <b>-</b>	2	((("502/439 527 19 353 305 324 325 342 345	O EVENTO PO UNA		
		((("502/439,527.19,353,305,324,325,343,345,	355,PA4'9").CC	L8001/08/13	12:35
l <b>_</b>	2	and (compressive adj strength) with mpa)			
I	2	4nd (p5m2/439, 527.19, 353, 305, 324, 325, 343, 345	BUSSPAST49").C	CE601/08/13	13:05
ı		and (compressive adj strength) with mpa)	ì		
		and pore) and cordierite			
	31	(("502/439,527.19,353,305,324,325,343,345,3	50/SPAT").CCL	\$2001/08/13	13:03
		and compressive adj strength	,		
_	1	((((("502/439,527.19,353,305,324,325,343,34	5 USSPAT349").	CON61 Y08 / 13	13.23
	1	and (compressive adj strength) with mpa)	,	2231,00,15	13.23
	]	and pore) and cordierite) and thermal adj			
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		and pore near4 depth	TUDOUT ). CCIL	27,001,08/13	13:24
_	1090	("502/439,527.19").CCLS.	II CDA M	0001 107 111	
_	3384	/"502/430 527 10 253 205 204 205 240 205	USPAT	2001/08/13	15:19
_	286	("502/439,527.19,353,305,324,325,343,345,35	USPAT) . CCLS	2001/08/13	15:20
ı	200	(("302/439,52/.19,353,305,324,325,343,345,39	DSPAR").CCL	32001/08/13	15:41
_		and noneycomb and cordierite			
-	25	((("502/439,527.19,353,305,324,325,343,345,	555PA479").CCI	2001/08/13	15:25
		and noneycomb and cordierite) and (oxygen	,	= 3	
i		or "o.sub.2") adj content			
-	0	((("502/439,527.19,353,305,324,325,343,345,	555PAT9") CCT	.8001/08/13	15.21
		and noneycomb and cordierite) and ((oxygen			10.0T
ļ	1	or "o.sub.2") adj content) with crystal\$5			1
- !	1	((("502/439,527.19,353,305,324,325,343,345,	ETE DAMOUL OF	0001 /00 /**	,, , ,
	-	and honeycomb and cordierite) and ((oxygen	10. CCT	13 / 14 / 14 / 14 / 14	15:26
		or "o sub 2") add contents			
_	0	or "o.sub.2") adj content) same crystal\$5			ì
	١	((("502/439,527.19,353,305,324,325,343,345,	<b>5573479").</b> CCL	8001/08/13	15:32
		and noneycomb and cordierite) and ((oxygen )			
_ ,	]	or "o.sub.2") adj content) with (honeycomb	F		!
-	14	ot(ሮ5001489:527.19,353,305,324,325,343,345,8	552449").CCL	8001/08/13	15:41
		and honeycomb and cordierite) and (oxygen	1		
	ŀ	or "o.sub.2") with (honeycomb or			1
-	1602	bondyembeand cordierite	USPAT	2001/08/14	اممیمما
- ,	102	(honeycomb and cordierite) and (oxygen or			
i	İ	"o.sub.2") with (honeycomb or cordierite)	ANILI	2001/08/13	15:41
- i	3	((honeycomb and cordierite) and (oxygen or	Hebam	0001 (00 (* :	
	- 1	"o.sub.2") with (honeycomb or cordierite))	USPAT	2001/08/14 (	07:56
					,
	ļ	and loxygen or "o gub 2") with date			
		and (oxygen or "o.sub.2") with (defect or vacancy)			1

-	16	(honeycomb and cordierite) and (oxygen or "o.sub.2") with (defect or vacancy)	USPAT	2001/08/13 16:1
_	4	((honeycomb and cordierite) and (oxygen or	HCDAM	0001 (00 10 0 0 0
		"o.sub.2") with (defect or vacancy)) and	USPAT	2001/08/13 16:1
		lattice adj defect		
-	1	((honeycomb and cordierite) and (oxygen or	USPAT	2001/08/13 16:1
		"o.sub.2") with (defect or vacancy)) and	OSTAT	2001/00/13 16:1
	1	lattice adj constant		
-	3		USPAT	2001/08/14 08:2
		"o.sub.2") with (honeycomb or cordierite))		2001/00/14 00:2
	1	and (oxygen or "o.sub.2") with (defect or		
	1.0	vacancy)		!
_	10	(honeycomb and cordierite) and ((oxygen or	USPAT	2001/08/14 08:2
_	13	"o.sub.2") with (defect or vacancy))		
	13	((honeycomb and cordierite) and ((oxygen or "o.sub.2") with (defect or vacancy)))	USPAT	2001/08/14 08:0
		and (oxygen or "o.sub.2") same (heat\$3 or		
		fir\$3)		
_	6	(((honeycomb and cordierite) and ((oxygen	rion.m	
		or "o.sub.2") with (defect or vacancy)))	USPAT	2001/08/14 08:0
		and (oxygen or "o.sub.2") same (heat\$3 or		
		fir\$3)) and low with (oxygen or "o.sub.2")		
-	3	((honeycomb and cordierite) and (loxygen	USPAT	2001/08/14 08:08
		or "o.sub.2") with (defect or vacancy)))	OSTAT	2001/08/14 08:08
	,	and (low with (oxygen or "o.sub.2")) same		
	_	(heat\$3 or fir\$3)		·
	3	((((honeycomb and cordierite) and ((oxygen	USPAT	2001/08/14 08:08
		or "o.sub.2") with (defect or vacancy)))		7, 55, 11 55.50
•		and (oxygen or "o.sub.2") same (heat\$3 or		
		fir\$3)) and low with (oxygen or		
		"o.sub.2")) and (low with (oxygen or		į.
_	3	"o.sub.2")) same (heat\$3 or fir\$3)		
		(((honeycomb and cordierite) and (oxygen or "o.sub.2") with (honeycomb or	USPAT	2001/08/14 08:20
		cordierite)) and (oxygen or "o.sub.2")		- <del>[</del>
	1 .	with (defect or vacancy)) and (si or		1
		silic\$4 or al or alumin\$4 or magnesi\$2)		
-	1	((honeycomb and cordierite) and ((oxygen	USPAT	0000 (00 (1)
		or "o.sub.2") with (defect or vacancy)))	USPAT	2001/08/14 08:23
		and (amount adj4 (oxygen or "o.sub.2"))		
-	2	((honeycomb and cordierite) and ((oxygen	USPAT	2001/08/14 08:23
		or "o.sub.2") with (defect or vacancy)))		2001/08/14 08:23
		and (amount near4 (oxygen or "o.sub.2"))		
-	42	cordierite near3 formula	USPAT	2001/08/14 08:55
='	1604	honeycomb and cordierite	USPAT	2001/08/14 14:42
	0	((honeycomb and cordierite) and (shock or	USPAT ·	2001/08/14 09:01
		snockwave) with crack) and (shock or		1
_	0	shockwave) with ultrasound		
	, "	((honeycomb and cordierite) and (shock or shockwave) with crack) and ultrasound	USPAT	2001/08/14 09:01
-	8	(honeycomb and cordierite) and ultrasound		
	5	((honeycomb and cordierite) and ultrasound	USPAT	2001/08/14 09:01
		shockwave) with crack) and alkali	USPAT	2001/08/14 09:02
	43	(honeycomb and cordierite) and (shock or	tic DAm	2001/00/24 22
	] [	shockwave) with crack	USPAT	2001/08/14 09:12
•	1	("3956186").PN.	USPAT	2001/00/14 00 ==
	141	(honeycomb and cordierite) and (shock or	USPAT	2001/08/14 09:11
	f	shockwave) and crack	COEMI	2001/08/14 10:02
	28	((honeycomb and cordierite) and (shock or	USPAT	2001/08/14 10:09
		shockwave) and crack) and (ce or ceris2)	001111	2001/00/14 10:09
	603	(honeycomb and cordierite) and (ce or	USPAT	2001/08/14 10:10
		ceri\$2)		2001/00/14 10:10
	470	((honeycomb and cordierite) and (ce or	USPAT	2001/08/14 10:12
		ceri\$2)) and oxygen		-001/00/14 10:12
	25	(((honeycomb and cordierite) and (ce or	USPAT	2001/08/14 10:12
	1	ceri\$2)) and oxygen) and crack		, 00/13 10,12
	1604	honeycomb and cordierite	USPAT	2001/08/14 14:42
	41	(honeycomb and cordierite) and etch\$3	USPAT	2001/08/14 14:43
	0	((honeycomb and cordierite) and etch\$3) and dry with etch\$3	USPAT	2001/08/14 14:44

-	0 ((honeycomb and cordierite) and etch\$3)	1000-	
ŀ	and sputter with etch	USPAT	2001/08/14 14:44
-	((honeycomb and cordierite) and etch\$3) and etch\$3 same (gas or vapor or plasma)	USPAT	2001/08/14 14:45
-	1 (((honeycomb and cordierite) and etch\$3) and etch\$3 same (gas or vapor or plasma) not (((honeycomb and cordierite) and	II C D T M	2001/08/14 14:45
-	etch\$3) and etch\$3 same (gas or vapor))  ((honeycomb and cordierite) and etch\$3)  and etch\$3 same (gas or vapor)	USPAT	2001/08/14 14:45